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TSUDA SATORU**(54) METHOD FOR SCRUBBING FILTRATION TOWER USING HOLLOW-FIBER MEMBRANE****(57)Abstract:**

PURPOSE: To avoid collision of hard and coarse particulates with the surface of a membrane as far as possible by removing the particulates released at the beginning of scrubbing and then continuing scrubbing.

CONSTITUTION: A module 1 in which many hollow-fiber membranes are bundled is hung from a partition plate 10 separating a filtration tower 9 into an upper chamber F and a lower chamber R. Raw water contg. particulates 15 introduced into the lower chamber R and passed through each hollow-fiber membrane from its outside to inside to collect the particulate outside the membrane, and the filtered water obtained inside the membrane is discharged from the upper chamber F. Bubbles are supplied to the water close to each membrane to agitate

the water in the scrubbing stage, hence the membranes are vibrated, and the particulates collected outside the membranes are released. The waste cleaning water contg. the released particulates is discharged from the lower chamber. In this case, the particulates released at the beginning of scrubbing are released, and then scrubbing is continued.

